

IN THE CLAIMS

Please substitute claims 1-24 with the following:

1. (Previously presented) A method for managing a plurality of nodes in a layered hierarchically organized database stored in a server on a computer network comprising:

accessing a subset of said nodes in response to a client request;

modifying one or more state attributes associated with said nodes to control merging and updating of layers to a resulting layered hierarchical database in response to said client request;

and

managing said nodes using said state attributes, wherein each one of said state attributes comprises an eXtensible Markup Language (XML) format attribute.
2. (Previously presented) The method of claim 1, wherein said state attributes indicate that a corresponding data element is one of updated, default, deleted, and added.
3. (Previously presented) The method of claim 1, wherein each one of said state attributes includes a value of one of default, replaced, modified, and deleted, indicating a last action taken on a corresponding data element.
4. (Previously presented) The method of claim 1, wherein each one of said nodes comprises an XML node.
5. (Original) The method of claim 1 wherein said nodes are organized in a Document Object Model format.
6. (Previously presented) A manager for one or more nodes in a layered hierarchically organized database stored in a server on a computer network comprising:

a subset of said nodes configured to be accessed in response to a user request; and
one or more state attributes associated with said nodes configured to be modified to
control merging and updating of layers to a resulting layered hierarchical database in response to
said client request when said subset is used,

wherein said manager is configured to manage said nodes using said state attributes and
wherein each one of said state attributes comprises an XML format attribute.

• 7. (Previously presented) The manager of claim 6, wherein said state attributes
indicate that a corresponding data element is one of updated, default, deleted, and added.

8. (Previously presented) The manager of claim 6, wherein each one of said state
attributes includes a value of one of default, replaced, modified, and deleted, indicating a last
action taken on a corresponding data element.

9. (Previously presented) The manager of claim 6, wherein each one of said nodes
comprises an XML node.

10. (Original) The manager of claim 6 wherein said nodes are organized in a DOM
format.

11. (Previously presented) A computer program product comprising:
a computer usable medium having computer readable program code embodied therein
configured to manage a plurality of nodes in a layered hierarchically organized database stored in
a server on a computer network;

computer readable code configured to cause a computer to access a subset of said nodes
in response to a client request;

computer readable code configured to cause a computer to use said subset wherein one or more state attributes associated with said nodes configured to be modified to control merging and updating of layers to a resulting layered hierarchical database are modified in response to said client request; and

computer readable code configured to cause a computer to manage said nodes using said state attributes, wherein each one of said state attributes comprises an XML format attribute.

12. (Previously presented) The computer program product of claim 11, wherein said state attributes indicate that a corresponding data element is one of updated, default, deleted, and added.

13. (Previously presented) The computer program product of claim 11, wherein each one of said state attributes includes a value of one of default, replaced, modified, and deleted, indicating a last action taken on a corresponding data element.

14. (Previously presented) The computer program product of claim 11, wherein each one of said nodes comprises an XML node.

15. (Previously presented) The computer program product of claim 11 wherein said nodes are organized in a DOM format.

16. (Previously presented) An apparatus comprising:
a subset of one or more nodes in a layered hierarchically organized database stored in a server on a computer network configured to be accessed in response to a client request;

one or more state attributes associated with said nodes configured to be modified to control merging and updating of layers to a resulting layered hierarchical database in response to said client request when said subset is used; and

a manager configured to manage said nodes using said state attributes, wherein each one of said state attributes comprises an XML format attribute.

17. (Previously presented) The apparatus of claim 16, wherein said state attributes indicate that a corresponding data element is one of updated, default, deleted, and added.

18. (Previously presented) The apparatus of claim 16, wherein each one of said state attributes includes a value of one of default, replaced, modified, and deleted, indicating a last action taken on a corresponding data element.

19. (Previously presented) The apparatus of claim 16, wherein each one of said nodes comprises an XML node.

20. (Previously presented) The apparatus of claim 16 wherein said ~~data~~ nodes are organized in a DOM format.

21. (Previously presented) The method of Claim 1, wherein said layered hierarchically organized database includes an organizational format corresponding to an organizational layout of an enterprise, and wherein each one of said state attributes indicates a last action taken on a data element of one of said nodes.

22. (Previously presented) The manager of Claim 6, wherein said layered hierarchically organized database includes an organizational format corresponding to an

organizational layout of an enterprise, and wherein each one of said state attributes indicates a last action taken on a data element of one of said nodes.

23. (Previously presented) The computer program product of Claim 11, wherein said layered hierarchically organized database includes an organizational format corresponding to an organizational layout of an enterprise, and wherein each one of said state attributes indicates a last action taken on a data element of one of said nodes.

24. (Previously presented) The apparatus of Claim 16, wherein said layered hierarchically organized database includes an organizational format corresponding to an organizational layout of an enterprise, and wherein each one of said state attributes indicates a last action taken on a data element of one of said nodes.